Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 20 Jul 2021 until 23:59 on Wednesday 21 Jul 2021

Forecast Issued on Tuesday 20 Jul 2021 at 03:04

Confidence: High for very warm and largely settled conditions until the end of this week. Moderate for any isolated shower development, and for northward extent of thundery rain on Saturday.

Headline for Tuesday 20 Jul 2021: Generally dry and sunny with very warm temperatures and high UV levels, very small risk of an isolated thundery shower.

Mountain weather hazards on Tuesday 20 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
<05%	<05%	10%	20%	20%	<05%

Forecast for Tuesday 20 Jul 2021

Weather: Risk of the odd patch of mist, fog, or low cloud around dawn. This quickly clearing after sunrise to give another predominantly dry day with long sunny periods. There is a low risk of an isolated thundery shower developing during the afternoon, but most will stay dry. The evening should be mostly dry and clear.

Chance of cloud free mountain/hill tops above 600m: 80% quickly becoming 100%

Visibility: Perhaps poor or very poor at first briefly with nearby landmarks obscured in any scattered low cloud with bases around 500m. Otherwise very good or excellent with good views of distant hills, and just a low risk of reductions in any showers. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 20 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 SW	7/10 W	8/11 W	9/13 W	7/11 NW	4/7 NW	7/9 NE
300	2/3 SE	5/7 W	6/9 NW	7/11 NW	7/11 NW	4/8 W	4/7 E
Valley	2/3 E	4/6 W	5/8 NW	7/11 NW	7/12 NW	4/7 N	4/6 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/18	19/18	21/20	22/21	22/21	19/19	17/16
300	20/21	22/22	24/24	25/24	24/24	21/21	18/18
Valley	19/20	22/23	25/25	26/26	25/24	20/20	17/17
Freezing Level*	2800m	2900m	2900m	2900m	2800m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

With very warm temperatures and high UV levels expected, adequate sun protection and liquid intake is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 20 Jul 2021	0mm	0mm	0mm

Forecast for Wednesday 21 Jul 2021

Weather: Similar to Tuesday, but with an increased risk of some of mist, fog, or low cloud patches early in the day, this soon clearing. Otherwise dry, sunny, and warm again, with the small risk of an isolated thundery shower later. High UV levels will again be a significant hazard.

Maximum wind: Northerly or northeasterly 10-15mph

Chance of cloud free mountain/hill tops above 600m: 60% soon becoming 100%

Visibility: Locally poor or very poor around dawn with nearby landmarks obscured in any low cloud with bases around 500m. Otherwise very good or excellent with distant hills in good view, and just a low risk of reductions in any showers later. A slight heat haze during the afternoon, with this reducing the air clarity a little.

Temperature: **Valleys:** 14 C becoming 28 C
At 600m: 15 C becoming 22 C
Freezing level: Well above the summits.

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